



ATTORNEY DOCKET NO.: 08/0022 (T1842-00010)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of: Calvin Sim et al. (Toumaz Technology Limited)

Serial No.: 10/533,631

Art Unit: Unassigned

Filed: May 2, 2005

Examiner: Unassigned

Title: CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL
TO ANALOGUE CONVERTERS

RESPONSE TO NOTICE OF MISSING REQUIREMENTS AND
PETITION UNDER 37 CFR § 1.47(b)

Mail Stop PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

The Applicant hereby petitions the Office under 37 C.F.R § 1.47(b) to accept the attached unexecuted Declaration¹, along with the Notice of Missing Requirements mailed October 17, 2005, without the signatures of the inventors, Calvin Sim and Christofer Toumazou. After diligent efforts by both foreign and domestic counsel for the Applicant, both inventors could not be found or reached and/or are unwilling to execute the attached Declaration, the Applicant, Toumaz Technology Limited, having a sufficient proprietary interest in the matter, is desirous to make application for patent on behalf of said inventors.

¹ However, if the Patent and Trademark Office requires an executed Declaration, the Applicant, Toumaz Technology Limited will execute said Declaration on behalf of the inventors.

REMARKS

On May 2, 2005, the undersigned forwarded a Declaration to the foreign associate counsel for the Applicant, Dr. Robert Lind of Marks & Clerk ("Marks & Clerk"), for submission to and execution by the inventors. (See Exhibit A). Associate counsel Marks & Clerk so acted.

The USPTO mailed a Notice of Missing Requirements to the undersigned on October 17, 2005. On October 24, 2005, the undersigned forwarded a copy of the Notice of Missing Requirements along with another Declaration to associate counsel Marks & Clerk for submission to and execution by the inventors. (See Exhibit B). Associate counsel Marks & Clerk so acted.

Reminders regarding a response to the Notice of Missing Requirements were sent via facsimile on numerous occasions to associate counsel Marks & Clerk on November 21, 2005, December 7, 2005, January 5, 2006, and January 18, 2006 and via email on January 25, 2006 as evidenced by the facsimile cover sheets, accompanying reminder letters, and email in the attached Exhibit C. All such correspondence raised the important, mandatory need to have the inventors execute a proper declaration.

As evidenced by the emails attached as Exhibit D, both the undersigned and associate counsel Marks and Clerk have diligently acted to obtain the signatures of the inventors to perfect this filing on numerous occasions. However, all the efforts of all counsel (both foreign and domestic) have been fruitless -- The inventors have either refused to execute the proper declarations, have been unable to execute the proper declarations, or both.

Acceptance of the application is earnestly requested as if the assistance of the USPTO in perfecting said Application. In accordance with 37 C.F.R. § 1.47(c), the undersigned provides herewith the last known address of the inventor Calvin Sim as follows:

46B Bramham Gardens
London SW5 0HQ
Great Britain

In accordance with 37 C.F.R. § 1.47(c), the undersigned provides herewith the last known address of the inventor Christofer Toumazou as follows:

8 Barrett Street
Oxford, Oxfordshire OX2 0AT
Great Britain

Thus, in accordance with all of the diligent efforts of all counsel in the instant case, to preserve the rights of the Applicant, and to prevent irreparable damage thereto, the undersigned respectfully petitions the Office to accept the attached Declaration, along with the Notice of Missing Requirements mailed October 17, 2005, without the signatures of the inventors, Calvin Sim and Christofer Toumazou.

Therefore, favorable consideration of this petition and acceptance of the Declaration is requested.

The appropriate extension fees are submitted herewith; however, should any additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of the same, such a petition is made and the Office is authorized to charge such fees to Deposit Account No. 04-1679.

Respectfully submitted,

DUANE MORRIS LLP
1667 K Street, N.W., Suite 700
Washington, DC 20006
Telephone: (202) 776-7800
Telecopier: (202) 776-7801

Dated: May 17, 2006

EXHIBIT A



Erik B. Cherdak
202.857.8933 DIRECT
202.857.6395 FAX
cherdak.erik@arentfox.com

May 2, 2005

Dr. Robert Lind
Marks & Clerk
Oxford Office
4220 Nash Court
Oxford Business Park South
Oxford OX4 2RU, United Kingdom

Re: New U.S. Patent Application
Filing Date: May 2, 2005
By: Calvin SIM et al
Your Ref: RL.P52328US
Our Ref: 108347-00041

Dear Dr. Lind:

Thank you for your letter of April 29, 2005, entrusting the subject application to our office for filing in the United States Patent and Trademark Office. We are looking forward to working with you during the prosecution of this case.

We are pleased to inform you that the application was filed in the Patent and Trademark Office on May 2, 2005. Two copies of the transmittal letter are enclosed for your files. The Official Filing Receipt for the application will be forwarded to you as soon as it is received.

Enclosed please find a completed Declaration and Assignment for the above-identified application. The signed Declaration will be due two months from the date of the Notice to File Missing Parts. We will advise you of the Serial Number when the Notice to File Missing Parts is received. Please insert the Serial Number on the Declaration and Assignment, have the inventor execute these documents and return them to us for filing. The Assignment should be signed on the same date as the Declaration.

Concurrently with the filing of the new application, we prepared and filed an Information Disclosure Statement. Two copies of the Information Disclosure Statement are also enclosed for your files.

Dr. Robert Lind

May 2, 2005

Page 2

We wish to remind you, however, that the duty to disclose continues throughout the prosecution of the application. Prior art or other material information discovered subsequent to the filing of the application should be disclosed to the Patent and Trademark Office as soon as it becomes known. An Information Disclosure Statement should also be used for disclosure of such later discovered information. U.S. patent applications and patents of the inventor(s) or assignee of the application which relate to the claimed subject matter and references cited in such related application and patents, and references cited by foreign patent offices during the prosecution of counterparts of the present application are very likely to be considered to be material by the U.S. Patent and Trademark Office and should be included in such statements. Please note that a government fee may be required for Information Disclosure Statements that are filed more than three months after the filing date. One exception to the fee requirement for disclosures filed after such three months is an Information Disclosure Statement disclosing art cited in a counterpart foreign application. In this situation the Information Disclosure Statement must be filed within three months of the date of the foreign search report in order to avoid a government fee.

Please advise whether there is any prior art or other information that is to be disclosed to the Patent and Trademark Office. The Information Disclosure Statement can be prepared and signed by the person required to make the disclosure or, if you furnish us with the information, can be prepared and signed by us. If you would like us to prepare the statement, please provide us with the copies of the prior art or other materials to be included in the Statement and a brief explanation of the relevance of each item to the invention. If the prior art or other materials to be included were the result of a search report in a counterpart foreign application, all that is needed is an English language copy of the search report and a copy of each of the references cited.

Thank you for allowing us to be of service. If you should have any questions, please do not hesitate to contact us. Our debit note in this matter will be sent to you shortly with a billing copy of this letter.

Very truly yours,

Erik B. Cherdak

EBC:ars

Enclosures: Form PTO-1390 (2); Information Disclosure Statement (2); PTO-SB08a (2); PTO-SB08b (2); Preliminary Amendment (2); Declaration; Assignment;



Declaration and Power of Attorney for U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled

(Insert Title) CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO ANALOGUE CONVERTERS

the specification of which is attached hereto unless the following box is checked:

was filed on November 6, 2003 As PCT International Application
 Number PCT/GB2003/004828 and was amended on _____
 and/or was filed on _____ As U.S. Patent Application
 Number _____ and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications)	<u>0225846.5</u> (Number)	<u>Great Britain</u> (Country)	<u>06/November/2002</u> (Day/Month/Year Filed)
	<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>
	<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>

Priority Claimed
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(List prior U.S. Applications or PCT International applications designating the U.S.)	<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status) (patented, pending, abandoned)</u>
	<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status) (patented, pending, abandoned)</u>

Power of Attorney: I hereby appoint the firm of Arent Fox PLLC, Customer Number 004372, including at least the following registered practitioners, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith as follows:

Berman, Richard J., Reg. No. 39,107
 Cherdak, Erik, Reg. No. 39,936
 Chesser, Wilburn, Reg. No. 41,668

and other registered practitioners associated with Customer Number 004372

Marmelstein, Charles M., Reg. No. 25,895
 Murphy, Christopher, Reg. No. 39,786
 Oram, George E., Jr., Reg. No. 27,931

Please direct all communications to the following address: Customer No. 004372
 ARENT FOX PLLC
 1050 Connecticut Avenue, N.W., Suite 400
 Washington, D.C. 20036-5339
 Telephone No. (202) 857-6000; Facsimile No. (202) 638-4810

BEST AVAILABLE COPY

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Calvin SIM

Inventor's signature _____ Date _____

Residence Great Britain

Citizenship British

Post Office Address 46B Bramham Gardens, London SW5 0HQ, Great Britain

Full name of second inventor Christofer TOUMAZOU

Inventor's signature _____ Date _____

Residence Great Britain

Citizenship Singapore

Post Office Address 8 Barrett Street, Oxford, Oxfordshire OX2 0AT, Great Britain

Full name of third inventor _____

Inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of fourth inventor _____

Inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of fifth inventor _____

Inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of sixth inventor _____

Inventor's signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert
ASSIGNEE's
Name(s)
Address(es)]

TOUMAZ TECHNOLOGY LIMITED

**Building D5, The Innovation Centre, Cullham Science Centre, Abingdon,
Oxfordshire OX14 3DB Great Britain**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

[Title of
Invention]

**CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO ANALOGUE
CONVERTERS**

[*If the assignment
is being filed
after the filing of the
application, this
section must be
completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on May 2, 2005, Serial No.

(Arent Fox PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)
of Assignor(s)]

<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>	Calvin SIM	<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>
(SIGNATURE)	(TYPE NAME)	(DATE)
<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>	Christofer TOUMAZOU	<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>
(SIGNATURE)	(TYPE NAME)	(DATE)
<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>	<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>	<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>
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(SIGNATURE)	(TYPE NAME)	(DATE)
<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>	<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>	<hr style="border: 0.5px solid black; width: 250px; height: 10px; margin-bottom: 5px;"/>
(SIGNATURE)	(TYPE NAME)	(DATE)
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BEST AVAILABLE COPY

EXHIBIT B



Duane Morris*

FIRM and AFFILIATE OFFICES

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SAN FRANCISCO
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NEWARK
ALLENTOWN
WILMINGTON
HARRISBURG
PRINCETON
WESTCHESTER

ERIK B. CHERDAK
DIRECT DIAL: 202/776-7812
E-MAIL: ebcherdak@duanemorris.com

www.duanemorris.com

October 24, 2005

VIA AIRMAIL

Dr. Robert Lind
Marks & Clerk
Oxford Office
4220 Nash Court
Oxford Business Park South
Oxford OX4 2RU
UNITED KINGDOM

Re: **Notification of Missing Requirements**

Due Date: December 17, 2005

Non-Extendible Due Date: March 17, 2006

U.S. Patent Application Serial No.: 10/533,631

Filing Date: May 2, 2005

Title: CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL
TO ANALOGUE CONVERTERS

Inventor: Calvin SIMS *et al.*

Your Ref.: RL.P52328US

Our Ref.: 089.0022

Dear Dr. Lind:

We have received a Notification of Missing Requirements from the U.S. Patent and Trademark Office mailed October 17, 2005, having a response due date of December 17, 2005. This date may be extended upon payment of Extension of Time fees. A copy of this Notification is enclosed.

In order for us to respond to this Notification, we will have file an executed Declaration by the inventors. Therefore, enclosed please find a new Declaration. Please have the

Dr. Robert Lind
October 24, 2005
Page 2

Declaration sign and date this form and return it to us for filing on or before the due date of December 17, 2005. Also enclosed is an Assignment for execution. Please have the inventors sign and date this form and return it to us.

Sincerely yours,

Erik B. Cherdak

EBC/sg
Enclosures:



COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO
ANALOGUE CONVERTERS

the specification of which is attached hereto OR
 was filed on May 2, 2005 as Application Serial No. 10/533,631 or PCT International Application Number PCT/GB2003/004828, Filed on November 6, 2003 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
			<input type="checkbox"/>	Yes <input type="checkbox"/> No
			<input type="checkbox"/>	Yes <input type="checkbox"/> No
			<input type="checkbox"/>	Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Patrick D. McPherson, (Reg. No. 46,255); L. Lawton Rogers, III, (Reg. No. 24,302); Erik B. Cherdak, (Reg. No. 39,936); D. Joseph English, (Reg. No. 42,514); Mark C. Comtois, (Reg. No. 46,285); Carl Rowold, (Reg. No. 29,023); Henry J. Policinski, (Reg. No. 26,621), Scott R. Hayden, (Reg. No. 41,821), and Michael M. Gribus (Reg. No. 38,162) jointly, and each of them severally, as attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Erik B. Cherdak, Esquire, Duane Morris LLP, 1667 K Street, N.W., Suite 700, Washington, D.C., 20006, telephone: 202-776-7800.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor:

Calvin SIM

Inventor's signature: _____ Date: _____

Residence: London SW5 0HQ, Great Britain

Citizenship: British

Post Office Address: 46B Bramham Gardens, London SW5 0HQ, Great Britain

Full name of second inventor:

Christofer TOUMAZOU

Inventor's signature: _____ Date: _____

Residence: Oxford, Osfordshire OX2 0AT, Great Britain

Citizenship: Singapore

Post Office Address: 8 Barrett Street, Oxford, Osfordshire OX2 0AT, Great Britain

EXHIBIT C



Galloway, Stewart

To: Lind, Robert
Subject: RE: Your Ref.: RL.P52328US

Dr. Lind,

Thank you for the prompt response. I will ask Erik to review the file and see what he comes up with. I will let you know as soon as I find out something. As far as financially, since we are in the second month extension of time (\$450.00) and an additional \$130.00 for filing a late Declaration in the PTO.

Stewart Galloway
Legal Assistant to Erik B. Cherdak &
Robin L. Teskin
Duane Morris LLP
1667 K Street, N.W., Suite 700
Washington, DC 20006
202/776-7833 (Telephone)
202/776-7801 (Fax)
sgalloway@duanemorris.com

From: Lind, Robert [mailto:RLind@marks-clerk.com]
Sent: Wednesday, January 25, 2006 11:20 AM
To: Galloway, Stewart
Cc: Cherdak, Erik B.
Subject: RE: Your Ref.: RL.P52328US
Importance: High

Dear Stewart

We have a problem with this case. It is proving problematic to obtain signatures from at least one of the inventors. If we cannot obtain signatures in time, how should we proceed, and what are the implications (financial and otherwise)?

Regards,

Robert

From: Galloway, Stewart [mailto:SGalloway@duanemorris.com]
Sent: 25 January 2006 16:11
To: Lind, Robert
Cc: Cherdak, Erik B.
Subject: Your Ref.: RL.P52328US

Dr. Robert Lind
MARKS & CLERK

Galloway, Stewart

To: Lind, Robert
Cc: Cherdak, Erik B.
Subject: Your Ref.: RL.P52328US

Dr. Robert Lind
MARKS & CLERK

Re: Notification of Missing Requirements
Due Date: February 17, 2006 together with a 2 Month Extension of Time
Non-Extendible Due Date: March 17, 2006
U.S. Patent Application Serial No.: 10/533,631
Title: CONFIGURABLE FUNCTION ... ANALOGUE CONVERTERS
Inventor(s): Calvin SIMS et al.
Our Ref.: 089.0002(T1842-00010)
Your Ref.: RL.P52328US

Dear Dr. Lind:

Further to my facsimile reminders of 1/18, 1/5, 06 -- 12/7 & 11/21/05, regarding the above-references matter, would please provide me with the status of the formal documents for responding to the Notice to File Missing Parts received from the PTO dated 10/17/05. Your prompt response is appreciated. We are now in the second month extension of time and we would like to avoid accruing any additional fees regarding this patent application. If you require new documents, please let me know.

Best regards,

Stewart Galloway
Legal Assistant to Erik B. Cherdak &
Robin L. Teskin
Duane Morris LLP
1667 K Street, N.W., Suite 700
Washington, DC 20006
202/776-7833 (Telephone)
202/776-7801 (Fax)
sgalloway@duanemorris.com



*** TX REPORT ***

TX/RX NO 0091
RECIPIENT ADDRESS 5817#811842#00010#011441865397919#
DESTINATION ID
ST. TIME 01/18 13:23
TIME USE 01'14
PAGES SENT 9
RESULT OK

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202.776.7800
FAX: 202.776.7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind
FIRM/COMPANY: MARKS & CLERK
FACSIMILE NUMBER: 44.0.1865.397919
CONFIRMATION
TELEPHONE: 44.0.1865.39700
FROM: Erik B. Cherdak
DIRECT DIAL: 202/776.7812
DATE: January 18, 2006
USER NUMBER: 5817
FILE NUMBER: T1842-00010
TOTAL # OF PAGES: 9
(INCLUDING COVERSHEET)
MESSAGE: REMINDER

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202.776.7800
FAX: 202.776.7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind

FIRM/COMPANY: MARKS & CLERK

FACSIMILE NUMBER: 44.0.1865.397919

CONFIRMATION

TELEPHONE: 44.0.1865.39700

FROM: Erik B. Cherdak

DIRECT DIAL: 202/776.7812

DATE: January 18, 2006

USER NUMBER: 5817

FILE NUMBER: T1842-00010

TOTAL # OF PAGES: 9
(INCLUDING COVERSHEET)

MESSAGE: **REMINDER**

NOTE: Original will not follow

CONFIDENTIALITY NOTICE

THIS FACSIMILE TRANSMISSION IS PRIVILEGED AND CONFIDENTIAL AND IS INTENDED ONLY FOR THE REVIEW OF THE PARTY TO WHOM IT IS ADDRESSED. IF YOU HAVE RECEIVED THIS TRANSMISSION IN ERROR, PLEASE IMMEDIATELY TELEPHONE THE SENDER ABOVE TO ARRANGE FOR ITS RETURN, AND IT SHALL NOT CONSTITUTE WAIVER OF THE ATTORNEY-CLIENT PRIVILEGE.

If there is a problem with this transmission, please call us as soon as possible at 202.776.7800.

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LAKE TAHOE

ERIK B. CHERDAK
DIRECT DIAL: 202/776.7812
E-MAIL: ebcherdak@duanemorris.com

www.duanemorris.com

January 18, 2006

URGENT REMINDER

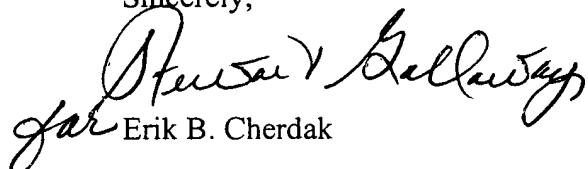
Dr. Robert Lind
MARKS & CLERK
Oxford Office
4220 Nash Court
Oxford Business Park South
Oxford OX4 2RU, UNITED KINGDOM

Re: Notification of Missing Requirements
Due Date: February 17, 2006 together with a 2 Month Extension of Time
Non-Extendible Due Date: March 17, 2006
U.S. Patent Application Serial No.: 10/533,631
Title: CONFIGURABLE FUNCTION ... ANALOGUE CONVERTERS
Inventor(s): Calvin SIMS et al.
Our Ref.: 089.0002 - Your Ref.: RL.P52328US

Dear Dr. Lind:

Further to our reminder facsimiles of December 7, 2005 and January 5, 2006 with regard to the Notification of Missing Requirements received from the U.S. Patent and Trademark dated October 17, 2005, we are requesting that you forward to us the executed declaration for filing in the U.S. Patent and Trademark Office on or before the extendible due date of **February 17, 2006**. Please note that we are in the second month extension of time.

Sincerely,


Erik B. Cherdak

EBC/sg
Enclosures



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,631	Calvin SIM	108347-00041
INTERNATIONAL APPLICATION NO.		
PCT/GB03/04828		
I.A. FILING DATE		PRIORITY DATE
11/06/2003		11/06/2002
CONFIRMATION NO. 6324		
371 FORMALITIES LETTER		
 OC000000017253044		

Date Mailed: 10/17/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 05/02/2005
- Copy of the International Search Report filed on 05/02/2005
- Copy of IPE Report filed on 05/02/2005
- Preliminary Amendments filed on 05/02/2005
- Information Disclosure Statements filed on 05/02/2005
- Request for Immediate Examination filed on 05/02/2005
- U.S. Basic National Fees filed on 05/02/2005
- Priority Documents filed on 05/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

*Due
10-10-05*

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,631	PCT/GB03/04828	108347-00041

FORM PCT/DO/EO/905 (371 Formalities Notice)

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO
ANALOGUE CONVERTERS

the specification of which is attached hereto OR
 was filed on May 2, 2005 as Application Serial No. 10/533,631 or PCT International Application Number PCT/GB2003/004828, Filed on November 6, 2003 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Patrick D. McPherson, (Reg. No. 46,255); L. Lawton Rogers, III, (Reg. No. 24,302); Erik B. Cherdak, (Reg. No. 39,936); D. Joseph English, (Reg. No. 42,514); Mark C. Comtois, (Reg. No. 46,285); Carl Rowold, (Reg. No. 29,023); Henry J. Policinski, (Reg. No. 26,621), Scott R. Hayden, (Reg. No. 41,821), and Michael M. Gnibus (Reg. No. 38,162) jointly, and each of them severally, as attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Erik B. Cherdak, Esquire, Duane Morris LLP, 1667 K Street, N.W., Suite 700, Washington, D.C., 20006, telephone: 202-776-7800.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor:

Calvin SIM

Inventor's signature: _____ Date: _____

Residence: London SW5 0HQ, Great Britain

Citizenship: British

Post Office Address: 46B Bramham Gardens, London SW5 0HQ, Great Britain

Full name of second inventor:

Christofer TOUMAZOU

Inventor's signature: _____ Date: _____

Residence: Oxford, Osfordshire OX2 0AT, Great Britain

Citizenship: Singapore

Post Office Address: 8 Barrett Street, Oxford, Osfordshire OX2 0AT, Great Britain

* TRANSACTION REPORT *

P. 01

JAN-05-2006 THU 10:24 AM

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
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* TOTAL : 2M 34S PAGES: 10 *

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202 776 7800
FAX: 202 776 7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind
FIRM/COMPANY: MARKS & CLERK
FACSIMILE NUMBER: 44.0.1865.397919
CONFIRMATION
TELEPHONE: 44.0.1865.39700
FROM: Erik B. Cherdak
DIRECT DIAL: 202/776.7812

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202.776.7800
FAX: 202.776.7801

FACSIMILE TRANSMITTAL SHEET

TO: Dr. Robert Lind

FIRM/COMPANY: MARKS & CLERK

FACSIMILE NUMBER: 44.0.1865.397919

CONFIRMATION

TELEPHONE: 44.0.1865.39700

FROM: Erik B. Cherdak

DIRECT DIAL: 202/776.7812

DATE: January 5, 2006

USER NUMBER: 5817

FILE NUMBER: T1842.00010

TOTAL # OF PAGES: 10
(INCLUDING COVERSHEET)

MESSAGE: **REMINDER**

NOTE: Original will not follow

CONFIDENTIALITY NOTICE

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If there is a problem with this transmission, please call us as soon as possible at 202.776.7800.

ERIK B. CHERDAK
DIRECT DIAL: 202/776-7812
E-MAIL: ebcherdak@duanemorris.com

www.duanemorris.com

October 24, 2005

REMINDER

VIA AIRMAIL

Dr. Robert Lind
Marks & Clerk
Oxford Office
4220 Nash Court
Oxford Business Park South
Oxford OX4 2RU
UNITED KINGDOM

NEW YORK
LONDON
LOS ANGELES
CHICAGO
HOUSTON
PHILADELPHIA
SAN DIEGO
SAN FRANCISCO
BOSTON
WASHINGTON, DC
ATLANTA
MIAMI
PITTSBURGH
NEWARK
ALLENTOWN
WILMINGTON
HARRISBURG
PRINCETON
WESTCHESTER

Re: **Notification of Missing Requirements**
Due Date: December 17, 2005
Non-Extendible Due Date: March 17, 2006
U.S. Patent Application Serial No.: 10/533,631
Filing Date: May 2, 2005
Title: CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL
TO ANALOGUE CONVERTERS

Inventor: Calvin SIMS *et al.*
Your Ref.: RL.P52328US
Our Ref.: 089.0022

Dear Dr. Lind:

We have received a Notification of Missing Requirements from the U.S. Patent and Trademark Office mailed October 17, 2005, having a response due date of December 17, 2005. This date may be extended upon payment of Extension of Time fees. A copy of this Notification is enclosed.

In order for us to respond to this Notification, we will have file an executed Declaration by the inventors. Therefore, enclosed please find a new Declaration. Please have the

Jan. 17, 2006 - E/

Duane Morris

Dr. Robert Lind
October 24, 2005
Page 2

Declaration sign and date this form and return it to us for filing on or before the due date of **December 17, 2005**. Also enclosed is an Assignment for execution. Please have the inventors sign and date this form and return it to us.

Sincerely yours,

Erik B. Cherdak

EBC/sg
Enclosures:



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,631	Calvin SIM	108347-00041
INTERNATIONAL APPLICATION NO.		PCT/GB03/04828
LA. FILING DATE		PRIORITY DATE
11/06/2003		11/06/2002
CONFIRMATION NO. 6324		
371 FORMALITIES LETTER		
OC000000017253044		

Date Mailed: 10/17/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

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- Indication of Small Entity Status
- Copy of the International Application filed on 05/02/2005
- Copy of the International Search Report filed on 05/02/2005
- Copy of IPE Report filed on 05/02/2005
- Preliminary Amendments filed on 05/02/2005
- Information Disclosure Statements filed on 05/02/2005
- Request for Immediate Examination filed on 05/02/2005
- U.S. Basic National Fees filed on 05/02/2005
- Priority Documents filed on 05/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

*Due
12-10-05*

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,631	PCT/GB03/04828	108347-00041

FORM PCT/DO/EO/905 (371 Formalities Notice)

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO
ANALOGUE CONVERTERS**

the specification of which is attached hereto OR
 was filed on May 2, 2005 as Application Serial No. 10/533,631 or PCT International Application Number PCT/GB2003/004828, Filed on November 6, 2003 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

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APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Patrick D. McPherson, (Reg. No. 46,255); L. Lawton Rogers, III, (Reg. No. 24,302); Erik B. Cherdak, (Reg. No. 39,936); D. Joseph English, (Reg. No. 42,514); Mark C. Comtois, (Reg. No. 46,285); Carl Rowold, (Reg. No. 29,023); Henry J. Policinski, (Reg. No. 26,621), Scott R. Hayden, (Reg. No. 41,821), and Michael M. Gnibus (Reg. No. 38,162) jointly, and each of them severally, as attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Erik B. Cherdak, Esquire, Duane Morris LLP, 1667 K Street, N.W., Suite 700, Washington, D.C., 20006, telephone: 202-776-7800.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor:

Calvin SIM

Inventor's signature: _____ Date: _____

Residence: London SW5 0HQ, Great Britain

Citizenship: British

Post Office Address: 46B Bramham Gardens, London SW5 0HQ, Great Britain

Full name of second inventor:

Christofer TOUMAZOU

Inventor's signature: _____ Date: _____

Residence: Oxford, Osfordshire OX2 0AT, Great Britain

Citizenship: Singapore

Post Office Address: 8 Barrett Street, Oxford, Osfordshire OX2 0AT, Great Britain

* TRANSACTION REPORT *

P. 01 *

DEC-07-2005 WED 05:09 PM *

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
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TOTAL : 2M 32S PAGES: 10 *

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202 776.7800
FAX: 202 776 7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind**FIRM/COMPANY:** MARKS & CLERK**FACSIMILE NUMBER:** 44.0.1865.397919**CONFIRMATION**
TELEPHONE: 44.0.1865.397900**FROM:** Erik B. Cherdak**DIRECT DIAL:** 202/776.7812

DuaneMorris®

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202.776.7800
FAX: 202.776.7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind

FIRM/COMPANY: MARKS & CLERK

FACSIMILE NUMBER: 44.0.1865.397919

CONFIRMATION
TELEPHONE: 44.0.1865.397900

FROM: Erik B. Cherdak

DIRECT DIAL: 202/776.7812

DATE: December 7, 2005

USER NUMBER: 5817

FILE NUMBER: T1842.00010

TOTAL # OF PAGES: 10
(INCLUDING COVERSHEET)

MESSAGE:

REMINDER

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CONFIDENTIALITY NOTICE

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If there is a problem with this transmission, please call us as soon as possible at 202.776.7800.

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P. 01

NOV-21-2005 MON 12:39 PM

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP	
NOV-21	12:36 PM	5817#811842#00010#01	2' 32"	10	SEND	OK	983		
						TOTAL :	2M 32S	PAGES: 10	

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202.776.7800
FAX: 202.776.7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind
FIRM/COMPANY: MARKS & CLERK
FACSIMILE NUMBER: 1.44.0.1865.397919
CONFIRMATION
TELEPHONE: 1.44.0.1865.397900
FROM: Erik B. Cherdak
DIRECT DIAL: 202/776.7812

Duane Morris*

DUANE MORRIS LLP
1667 K STREET, N.W., SUITE 700
WASHINGTON, D.C. 20006-1608
PHONE: 202.776.7800
FAX: 202.776.7801

FACSIMILE TRANSMITTAL SHEET

To: Dr. Robert Lind

FIRM/COMPANY: MARKS & CLERK

FACSIMILE NUMBER: 1.44.0.1865.397919

CONFIRMATION

TELEPHONE: 1.44.0.1865.397900

FROM: Erik B. Cherdak

DIRECT DIAL: 202/776.7812

DATE: November 21, 2005

USER NUMBER: 5817

FILE NUMBER: T1842-00010

TOTAL # OF PAGES: 10
(INCLUDING COVERSHEET)

MESSAGE: **REMINDER**

NOTE: Original will not follow

CONFIDENTIALITY NOTICE

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SAN FRANCISCO
BOSTON
WASHINGTON, DC
ATLANTA
MIAMI
PITTSBURGH
NEWARK
ALLENTOWN
WILMINGTON
HARRISBURG
PRINCETON
WESTCHESTER

ERIK B. CHERDAK
DIRECT DIAL: 202/776-7812
E-MAIL: ebcherdak@duanemorris.com

www.duanemorris.com

October 24, 2005

REMINDER

VIA AIRMAIL

11-21-05

Dr. Robert Lind
Marks & Clerk
Oxford Office
4220 Nash Court
Oxford Business Park South
Oxford OX4 2RU
UNITED KINGDOM

Re: **Notification of Missing Requirements**

Due Date: December 17, 2005

Non-Extendible Due Date: March 17, 2006

U.S. Patent Application Serial No.: 10/533,631

Filing Date: May 2, 2005

Title: CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL
TO ANALOGUE CONVERTERS

Inventor: Calvin SIMS *et al.*

Your Ref.: RL.P52328US

Our Ref.: 089.0022

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Duane Morris

Dr. Robert Lind
October 24, 2005
Page 2

Declaration sign and date this form and return it to us for filing on or before the due date of December 17, 2005. Also enclosed is an Assignment for execution. Please have the inventors sign and date this form and return it to us.

Sincerely yours,

Erik B. Cherdak

EBC/sg
Enclosures:



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,631	Calvin SIM	108347-00041

INTERNATIONAL APPLICATION NO.

PCT/GB03/04828

I.A. FILING DATE	PRIORITY DATE
11/06/2003	11/06/2002

4372
 ARENT FOX PLLC
 1050 CONNECTICUT AVENUE, N.W.
 SUITE 400
 WASHINGTON, DC 20036

CONFIRMATION NO. 6324

371 FORMALITIES LETTER



OC000000017253044

Date Mailed: 10/17/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

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- Copy of the International Search Report filed on 05/02/2005
- Copy of IPE Report filed on 05/02/2005
- Preliminary Amendments filed on 05/02/2005
- Information Disclosure Statements filed on 05/02/2005
- Request for Immediate Examination filed on 05/02/2005
- U.S. Basic National Fees filed on 05/02/2005
- Priority Documents filed on 05/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

*Due
12-10-05*

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,631	PCT/GB03/04828	108347-00041

FORM PCT/DO/EO/905 (371 Formalities Notice)

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO
ANALOGUE CONVERTERS

the specification of which is attached hereto OR
 was filed on May 2, 2005 as Application Serial No. 10/533,631 or PCT International Application Number PCT/GB2003/004828, Filed on November 6, 2003 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Patrick D. McPherson, (Reg. No. 46,255); L. Lawton Rogers, III, (Reg. No. 24,302); Erik B. Cherdak, (Reg. No. 39,936); D. Joseph English, (Reg. No. 42,514); Mark C. Comtois, (Reg. No. 46,285); Carl Rowold, (Reg. No. 29,023); Henry J. Policinski, (Reg. No. 26, 621), Scott R. Hayden, (Reg. No. 41,821), and Michael M. Gnibus (Reg. No. 38,162) jointly, and each of them severally, as attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Erik B. Cherdak, Esquire, Duane Morris LLP, 1667 K Street, N.W., Suite 700, Washington, D.C., 20006, telephone: 202-776-7800.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor:

Calvin SIM

Inventor's signature: _____ Date: _____

Residence: London SW5 0HQ, Great Britain

Citizenship: British

Post Office Address: 46B Bramham Gardens, London SW5 0HQ, Great Britain

Full name of second inventor:

Christofer TOUMAZOU

Inventor's signature: _____ Date: _____

Residence: Oxford, Osfordsire OX2 0AT, Great Britain

Citizenship: Singapore

Post Office Address: 8 Barrett Street, Oxford, Osfordsire OX2 0AT, Great Britain

EXHIBIT D

Galloway, Stewart

From: Cherdak, Erik B.
Sent: Tuesday, February 07, 2006 11:10 AM
To: 'Lind, Robert'
Cc: Cherdak, Erik B.; Galloway, Stewart
Subject: Toumaz Application naming Calvin Sim et al.

Robert-

To get back to you on subject case, we can certainly prepare the necessary paperwork to perfect the application under 37 CFR 1.47 (unwilling, unavailable inventor(s)). Before we go to that effort and expense (albeit rather pro forma), please advise as the exact reasons why one or both of the inventors will not cooperate and/or is unavailable. And, have the inventors been contacted via letter (registered) asking them to cooperate and execute declarations? Please let me know.

Regards,
Erik

Galloway, Stewart

From: Cherdak, Erik B.
Sent: Thursday, January 26, 2006 2:01 PM
To: Galloway, Stewart
Cc: Cherdak, Erik B.
Subject: FW: Your Ref.: RL.P52328US

From: Cherdak, Erik B.
Sent: Thursday, January 26, 2006 2:00 PM
To: 'Lind, Robert'
Cc: Cherdak, Erik B.
Subject: RE: Your Ref.: RL.P52328US

Robert-

I am pulling the file and will get you a solid answer. The application can advance in the name of the inventors or in the name of the assignees and in either case will not affect filing date, etc. I will get you a solid response by COB tomorrow.

Sorry to bother you, but can we fix the date yet?? I am advised that I can book any days between the 13th and the 17th??

Regards,
Erik

From: Lind, Robert [mailto:RLind@marks-clerk.com]
Sent: Thursday, January 26, 2006 5:42 AM
To: Cherdak, Erik B.
Cc: Galloway, Stewart
Subject: RE: Your Ref.: RL.P52328US

Hi Erik

Still trying to pin down the dates!

On this specific case, I am pushing the client to let me have at least papers from one of the inventors. If we cannot get papers from both inventors, can the missing papers be filed at some later stage. In the meantime, will the application have to proceed in the name of Toumaz (assuming that we can get one assignment) and the other inventor?

Robert

From: Cherdak, Erik B. [mailto:EBCherdak@duanemorris.com]
Sent: 25 January 2006 17:38
To: Lind, Robert
Cc: Cherdak, Erik B.; Galloway, Stewart
Subject: RE: Your Ref.: RL.P52328US

Robert-

I will be back in the office tomorrow and will give you a complete recommendation then. In the meantime, there are provisions in the rules of the PTO to permit an application to proceed without signatures for several reasons including, but not limited to, inventor unavailability, uncooperative inventors, etc. So proceeding does has economic concerns in terms of official fees but does not bar patentability. And, unfortunately, any patent issuing from such an application could have a cloud during litigation, licensing or via other disposition. I send you more information tomorrow.

Any news on trip planning??

Regards,

Erik

-----Original Message-----

From: Lind, Robert [mailto:RLind@marks-clerk.com]

Sent: Wed 1/25/2006 11:20 AM

To: Galloway, Stewart

Cc: Cherdak, Erik B.

Subject: RE: Your Ref.: RL.P52328US

Dear Stewart

We have a problem with this case. It is proving problematic to obtain signatures from at least one of the inventors. If we cannot obtain signatures in time, how should we proceed, and what are the implications (financial and otherwise)?

Regards,

Robert

From: Galloway, Stewart [mailto:SGalloway@duanemorris.com]

Sent: 25 January 2006 16:11

To: Lind, Robert

Cc: Cherdak, Erik B.

Subject: Your Ref.: RL.P52328US

Dr. Robert Lind
MARKS & CLERK

Re: Notification of Missing Requirements

Due Date: February 17, 2006 together with a 2 Month Extension of Time

Non-Extendible Due Date: March 17, 2006

U.S. Patent Application Serial No.: 10/533,631

Title: CONFIGURABLE FUNCTION ... ANALOGUE CONVERTERS

Inventor(s): Calvin SIMS et al.

Our Ref.: 089.0002(T1842-00010)

Your Ref.: RL.P52328US

Dear Dr. Lind:

Further to my facsimile reminders of 1/18, 1/5, 06 -- 12/7 & 11/21/05, regarding the above-references matter, would please provide me with the status of the formal documents for responding to the Notice to File Missing Parts received from the PTO dated 10/17/05. Your prompt response is appreciated. We are now in the second month extension of time and we would like to avoid accruing any additional fees regarding this patent application. If you require new documents, please let me know.

Best regards,

Stewart Galloway

Legal Assistant to Erik B. Cherdak &
Robin L. Teskin
Duane Morris LLP
1667 K Street, N.W., Suite 700
Washington, DC 20006
202/776-7833 (Telephone)
202/776-7801 (Fax)
sgalloway@duanemorris.com

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This message is confidential and may contain privileged information. It is for the named intended recipient only. If you receive it in error please e-mail the sender at the address above to notify us and destroy the original message, not keeping a copy. It is possible for e-mails to be intercepted or affected by viruses. Whilst we maintain virus checks on inbound e-mails, we accept no liability for viruses or other material introduced with this message.

This message has been checked for all known viruses by the MessageLabs Virus Control Centre.

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This message has been checked for all known viruses by the MessageLabs Virus Control Centre.

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONFIGURABLE FUNCTION IMPLEMENTING SYSTEM AND DIGITAL TO
ANALOGUE CONVERTERS

the specification of which is attached hereto OR
 was filed on May 2, 2005 as Application Serial No. 10/533,631 or PCT International Application Number PCT/GB2003/004828, Filed on November 6, 2003 and was amended on _____ (if applicable).

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COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY NOT CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

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As a named inventor, I hereby appoint Patrick D. McPherson, (Reg. No. 46,255); L. Lawton Rogers, III, (Reg. No. 24,302); Erik B. Cherdak, (Reg. No. 39,936) D. Joseph English, (Reg. No. 42,514); Mark C. Comtois, (Reg. No. 46,285); Carl Rowold, (Reg. No. 29,023); Henry J. Policinski, (Reg. No. 26,621), Scott R. Hayden, (Reg. No. 41,821), and Michael M. Gribus (Reg. No. 38,162) jointly, and each of them severally, as attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Erik B. Cherdak, Esquire, Duane Morris LLP, 1667 K Street, N.W., Suite 700, Washington, D.C., 20006, telephone: 202-776-7800.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor:

Calvin SIM

Inventor's signature: _____ Date: _____

Residence: London SW5 0HQ, Great Britain

Citizenship: British

Post Office Address: 46B Bramham Gardens, London SW5 0HQ, Great Britain

Full name of second inventor:

Christofer TOUMAZOU

Inventor's signature: _____ Date: _____

Residence: Oxford, Osfordsire OX2 0AT, Great Britain

Citizenship: Singapore

Post Office Address: 8 Barrett Street, Oxford, Osfordsire OX2 0AT, Great Britain



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,631	Calvin SIM	108347-00041

INTERNATIONAL APPLICATION NO.

PCT/GB03/04828

LA. FILING DATE	PRIORITY DATE
11/06/2003	11/06/2002

4372
 ARENT FOX PLLC
 1050 CONNECTICUT AVENUE, N.W.
 SUITE 400
 WASHINGTON, DC 20036

CONFIRMATION NO. 6324

371 FORMALITIES LETTER



OC000000017253044

Date Mailed: 10/17/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 05/02/2005
- Copy of the International Search Report filed on 05/02/2005
- Copy of IPE Report filed on 05/02/2005
- Preliminary Amendments filed on 05/02/2005
- Information Disclosure Statements filed on 05/02/2005
- Request for Immediate Examination filed on 05/02/2005
- U.S. Basic National Fees filed on 05/02/2005
- Priority Documents filed on 05/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

*Due
12-1-05*

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

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*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,631	PCT/GB03/04828	108347-00041

FORM PCT/DO/EO/905 (371 Formalities Notice)

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